

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	Content aware multi-focus image fusion for high-magnification blood film microscopy. Biomedical Optics Express, 2022, 13, 1005.	2.9	2
2	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
3	Network topological determinants of pathogen spread. Scientific Reports, 2022, 12, 7692.	3.3	8
4	Stain-free identification of tissue pathology using a generative adversarial network to infer nanomechanical signatures. Nanoscale Advances, 2021, 3, 6403-6414.	4.6	1
5	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
6	Wisdom of crowds detects COVID-19 severity ahead of officially available data. Scientific Reports, 2021, 11, 13678.	3.3	8
7	SARS-CoV-2 inhibition using a mucoadhesive, amphiphilic chitosan that may serve as an anti-viral nasal spray. Scientific Reports, 2021, 11, 20012.	3.3	31
8	Data-driven malaria prevalence prediction in large densely populated urban holoendemic sub-Saharan West Africa. Scientific Reports, 2020, 10, 15918.	3.3	16
9	Depleted circulatory complement-lysis inhibitor (CLI) in childhood cerebral malaria returns to normal with convalescence. Malaria Journal, 2020, 19, 167.	2.3	0
10	Expert-level automated malaria diagnosis on routine blood films with deep neural networks. American Journal of Hematology, 2020, 95, 883-891.	4.1	30
11	Digital refocusing and extended depth of field reconstruction in Fourier ptychographic microscopy. Biomedical Optics Express, 2020, 11, 215.	2.9	22
12	Structure-dependent amplification for denoising and background correction in Fourier ptychographic microscopy. Optics Express, 2020, 28, 35438.	3.4	7
13	A Tutorial on Canonical Correlation Methods. ACM Computing Surveys, 2018, 50, 1-33.	23.0	65
14	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
15	A Functional IL22 Polymorphism (rs2227473) Is Associated with Predisposition to Childhood Cerebral Malaria. Scientific Reports, 2017, 7, 41636.	3.3	14
16	Editorial: Inflammatory Signaling in Bone Marrow Failure and Hematopoietic Malignancy. Frontiers in Immunology, 2017, 8, 660.	4.8	5
17	Profiling persistent tubercule bacilli from patient sputa during therapy predicts early drug efficacy. BMC Medicine, 2016, 14, 68.	5.5	55
18	The <i>IL17F</i> and <i>IL17RA</i> Genetic Variants Increase Risk of Cerebral Malaria in Two African Populations. Infection and Immunity, 2016, 84, 590-597.	2.2	18

#	ARTICLE	IF	CITATIONS
19	Malaria Induces Anemia through CD8 ⁺ T Cell-Dependent Parasite Clearance and Erythrocyte Removal in the Spleen. <i>MBio</i> , 2015, 6, .	4.1	46
20	Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. <i>PLoS Pathogens</i> , 2014, 10, e1004038.	4.7	40
21	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
22	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
23	Haemoglobinuria among children with severe malaria attending tertiary care in Ibadan, Nigeria. <i>Malaria Journal</i> , 2012, 11, 336.	2.3	31
24	Rapid Diagnostic Algorithms as a Screening Tool for Tuberculosis: An Assessor Blinded Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e49658.	2.5	9
25	Discriminating Active from Latent Tuberculosis in Patients Presenting to Community Clinics. <i>PLoS ONE</i> , 2012, 7, e38080.	2.5	30
26	Severe Childhood Malaria Syndromes Defined by Plasma Proteome Profiles. <i>PLoS ONE</i> , 2012, 7, e49778.	2.5	18
27	Estimation of Relevant Variables on High-Dimensional Biological Patterns Using Iterated Weighted Kernel Functions. <i>PLoS ONE</i> , 2008, 3, e1806.	2.5	7
28	Development of an Extension of the Otsu Algorithm for Multidimensional Image Segmentation of Thin-Film Blood Slides. , 2007, , .		8
29	Plasmodium cysteine repeat modular proteins 1?4: complex proteins with roles throughout the malaria parasite life cycle. <i>Cellular Microbiology</i> , 2007, 9, 1466-1480.	2.1	54
30	Identification of diagnostic markers for tuberculosis by proteomic fingerprinting of serum. <i>Lancet</i> , The, 2006, 368, 1012-1021.	13.7	240
31	Host immunity modulates transcriptional changes in a multigene family (yir) of rodent malaria. <i>Molecular Microbiology</i> , 2005, 58, 636-647.	2.5	41
32	The merozoite surface protein 6 gene codes for a 36 kDa protein associated with the Plasmodium falciparum merozoite surface protein-1 complex. <i>Molecular and Biochemical Parasitology</i> , 2001, 112, 91-101.	1.1	108
33	The 22 kDa component of the protein complex on the surface of Plasmodium falciparum merozoites is derived from a larger precursor, merozoite surface protein 7. <i>Molecular and Biochemical Parasitology</i> , 2001, 117, 83-89.	1.1	103
34	Cytoadherence, pathogenesis and the infected red cell surface in Plasmodium falciparum. <i>International Journal for Parasitology</i> , 1999, 29, 927-937.	3.1	141