

Mirko Zimic

List of Publications by Year in descending order

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56
papers

1,029
citations

471509

17
h-index

454955

30
g-index

64
all docs

64
docs citations

64
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Norovirus Infections in a Birth Cohort in a Peruvian Periurban Community. <i>Clinical Infectious Diseases</i> , 2014, 58, 483-491.	5.8	158
2	Efficacy of combined antiparasitic therapy with praziquantel and albendazole for neurocysticercosis: a double-blind, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 687-695.	9.1	149
3	Automatic classification of pediatric pneumonia based on lung ultrasound pattern recognition. <i>PLoS ONE</i> , 2018, 13, e0206410.	2.5	68
4	Can the power of mobile phones be used to improve tuberculosis diagnosis in developing countries?. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 638-640.	1.8	58
5	Developing an eye-tracking algorithm as a potential tool for early diagnosis of autism spectrum disorder in children. <i>PLoS ONE</i> , 2017, 12, e0188826.	2.5	43
6	Pyrazinoic acid efflux rate in <i>Mycobacterium tuberculosis</i> is a better proxy of pyrazinamide resistance. <i>Tuberculosis</i> , 2012, 92, 84-91.	1.9	38
7	Comprehensive virtual screening of 4.8Å flavonoids reveals novel insights into allosteric inhibition of SARS-CoV-2 MPRO. <i>Scientific Reports</i> , 2021, 11, 15452.	3.3	36
8	Automatic diagnostics of tuberculosis using convolutional neural networks analysis of MODS digital images. <i>PLoS ONE</i> , 2019, 14, e0212094.	2.5	35
9	Genome-wide analyses of human noroviruses provide insights on evolutionary dynamics and evidence of coexisting viral populations evolving under recombination constraints. <i>PLoS Pathogens</i> , 2021, 17, e1009744.	4.7	29
10	pncA gene expression and prediction factors on pyrazinamide resistance in <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2013, 93, 515-522.	1.9	28
11	A multiple genome analysis of <i>Mycobacterium tuberculosis</i> reveals specific novel genes and mutations associated with pyrazinamide resistance. <i>BMC Genomics</i> , 2017, 18, 769.	2.8	26
12	Utility of a Protein Fraction with Cathepsin L-Like Activity Purified from <i>Cysticercus Fluid</i> of <i>Taenia solium</i> in the Diagnosis of Human Cysticercosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 964-970.	1.4	25
13	Mathematical algorithm for the automatic recognition of intestinal parasites. <i>PLoS ONE</i> , 2017, 12, e0175646.	2.5	22
14	Development of Low-Cost Inverted Microscope to Detect Early Growth of <i>Mycobacterium tuberculosis</i> in MODS Culture. <i>PLoS ONE</i> , 2010, 5, e9577.	2.5	21
15	A New Approach for Pyrazinamide Susceptibility Testing in <i>Mycobacterium tuberculosis</i> . <i>Microbial Drug Resistance</i> , 2012, 18, 372-375.	2.0	20
16	Role of Metal Ions on the Activity of <i>Mycobacterium tuberculosis</i> Pyrazinamidase. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 153-161.	1.4	20
17	Peruvian and globally reported amino acid substitutions on the <i>Mycobacterium tuberculosis</i> pyrazinamidase suggest a conserved pattern of mutations associated to pyrazinamide resistance. <i>Infection, Genetics and Evolution</i> , 2010, 10, 346-349.	2.3	18
18	A dot-ELISA using a partially purified cathepsin-L-like protein fraction from <i>Taenia solium</i> cysticerci, for the diagnosis of human neurocysticercosis. <i>Annals of Tropical Medicine and Parasitology</i> , 2011, 105, 311-318.	1.6	18

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19	Identification and Characterization of Microsatellite Markers Derived from the Whole Genome Analysis of <i>Taenia solium</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004316.	3.0	17
20	Morphological Characterization of <i>Mycobacterium tuberculosis</i> in a MODS Culture for an Automatic Diagnostics through Pattern Recognition. <i>PLoS ONE</i> , 2013, 8, e82809.	2.5	14
21	MODS-Wayne, a Colorimetric Adaptation of the Microscopic-Observation Drug Susceptibility (MODS) Assay for Detection of <i>Mycobacterium tuberculosis</i> Pyrazinamide Resistance from Sputum Samples. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	13
22	Structure-Activity relationship in mutated pyrazinamidases from <i>Mycobacterium tuberculosis</i> . <i>Bioinformatics</i> , 2011, 6, 335-339.	0.5	12
23	A quantitative adaptation of the Wayne test for pyrazinamide resistance. <i>Tuberculosis</i> , 2016, 99, 41-46.	1.9	11
24	TsAg5, a <i>Taenia solium</i> cysticercus protein with a marginal trypsin-like activity in the diagnosis of human neurocysticercosis. <i>Molecular and Biochemical Parasitology</i> , 2011, 180, 115-119.	1.1	10
25	<i>Mycobacterium tuberculosis</i> ribosomal protein S1 (RpsA) and variants with truncated C-terminal end show absence of interaction with pyrazinoic acid. <i>Scientific Reports</i> , 2020, 10, 8356.	3.3	10
26	Utility of a protein fraction with cathepsin L-Like activity purified from cysticercus fluid of <i>Taenia solium</i> in the diagnosis of human cysticercosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 964-70.	1.4	10
27	Complete Genome Sequence of a Nontypeable GII Norovirus Detected in Peru. <i>Genome Announcements</i> , 2018, 6, .	0.8	9
28	IFN- γ Response Is Associated to Time Exposure Among Asymptomatic Immune Responders That Visited American Tegumentary Leishmaniasis Endemic Areas in Peru. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 289.	3.9	9
29	Synthesis, characterization and bio-functionalization of magnetic nanoparticles to improve the diagnosis of tuberculosis. <i>Nanotechnology</i> , 2020, 31, 175101.	2.6	8
30	Viral intra-host evolution in immunocompetent children contributes to human norovirus diversification at the global scale. <i>Emerging Microbes and Infections</i> , 2021, 10, 1717-1730.	6.5	8
31	An electrochemical biosensor for the detection of <i>Mycobacterium tuberculosis</i> DNA from sputum and urine samples. <i>PLoS ONE</i> , 2020, 15, e0241067.	2.5	8
32	Genetic variability of <i>Taenia solium</i> cysticerci recovered from experimentally infected pigs and from naturally infected pigs using microsatellite markers. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006087.	3.0	6
33	Characterization of a novel cathepsin L-like protease from <i>Taenia solium</i> metacestodes for the immunodiagnosis of porcine cysticercosis. <i>Veterinary Parasitology</i> , 2019, 267, 9-16.	1.8	6
34	Direct Determination of Pyrazinamide (PZA) Susceptibility by Sputum Microscopic Observation Drug Susceptibility (MODS) Culture at Neutral pH: the MODS-PZA Assay. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	6
35	Autism Detection in Children by Combined Use of Gaze Preference and the M-CHAT-R in a Resource-Scarce Setting. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 994-1006.	2.7	6
36	Hypothetical granulin-like molecule from <i>Fasciola hepatica</i> identified by bioinformatics analysis. <i>SpringerPlus</i> , 2016, 5, 773.	1.2	5

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37	Method for the Automatic Segmentation of the Palpebral Conjunctiva using Image Processing. , 2018, , .		5
38	Biorecognition and detection of antigens from Mycobacterium tuberculosis using a sandwich ELISA associated with magnetic nanoparticles. Journal of Pharmaceutical and Biomedical Analysis, 2022, 215, 114749.	2.8	5
39	A novel enolase from Taenia solium metacestodes and its evaluation as an immunodiagnostic antigen for porcine cysticercosis. Experimental Parasitology, 2018, 191, 44-54.	1.2	4
40	Recombinant Nontypeable Genotype II Human Noroviruses in the Americas. Emerging Infectious Diseases, 2020, 26, 157-159.	4.3	4
41	Implementaci3n de un sistema de telediagn3stico de tuberculosis y determinaci3n de multidrogorresistencia basada en el m3todo MODS en Trujillo, Per3. Revista Peruana De Medicina De Experimental Y Salud Publica, 2014, 31, .	0.4	4
42	Phenylisoxazole-3/5-Carbaldehyde Isonicotinylhydrazone Derivatives: Synthesis, Characterization, and Antitubercular Activity. Journal of Chemistry, 2021, 2021, 1-14.	1.9	4
43	Evaluation of a lens-free imager to facilitate tuberculosis diagnostics in MODS. Tuberculosis, 2016, 97, 26-32.	1.9	3
44	Interdisciplinary Postdoctoral Training in Global Health Through a Novel Joint Project for Trainees from Diverse Disciplines: Benefits, Risks, and Observations. American Journal of Tropical Medicine and Hygiene, 2017, 96, 525-529.	1.4	3
45	Low-cost 3D-printed inverted microscope to detect Mycobacterium tuberculosis in a MODS culture. Tuberculosis, 2022, 132, 102158.	1.9	3
46	Nicotinamidase/pyrazinamidase of Mycobacterium tuberculosis forms homo-dimers stabilized by disulfide bonds. Tuberculosis, 2014, 94, 644-648.	1.9	2
47	Molecular Specific and Sensitive Detection of Pyrazinamide and Its Metabolite Pyrazinoic Acid by Means of Surface Enhanced Raman Spectroscopy Employing In Situ Prepared Colloids. Applied Sciences (Switzerland), 2019, 9, 2511.	2.5	2
48	Identifying RO9021 as a Potential Inhibitor of PknG from Mycobacterium tuberculosis: Combinative Computational and In Vitro Studies. ACS Omega, 2022, 7, 20204-20218.	3.5	2
49	Metallochaperones Are Needed for Mycobacterium tuberculosis and Escherichia coli Nicotinamidase-Pyrazinamidase Activity. Journal of Bacteriology, 2020, 202, .	2.2	1
50	Potentiometric method for resistance's measurement of pyrazinamide in mycobacterium tuberculosis. , 2014, , .		0
51	Prediction of Mycobacterium tuberculosis pyrazinamidase function based on structural stability, physicochemical and geometrical descriptors. PLoS ONE, 2020, 15, e0235643.	2.5	0
52	An Algorithm to Obtain the QRS Score Based on ECG Parameters Detection and Neural Networks for Confounder Classification. Smart Innovation, Systems and Technologies, 2019, , 201-211.	0.6	0
53	Title is missing!. , 2020, 15, e0241067.		0
54	Title is missing!. , 2020, 15, e0241067.		0

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55	Title is missing!. , 2020, 15, e0241067.		0
56	Title is missing!. , 2020, 15, e0241067.		0