

Kamal El Bissati

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,560
citations

279778

23
h-index

361001

35
g-index

37
all docs

37
docs citations

37
times ranked

2120
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosystem II fluorescence quenching in the cyanobacterium <i>Synechocystis</i> PCC 6803: involvement of two different mechanisms. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1457, 229-242.	1.0	149
2	Î³Î³ Intraepithelial Lymphocyte Migration Limits Transepithelial Pathogen Invasion and Systemic Disease in Mice. <i>Gastroenterology</i> , 2015, 148, 1417-1426.	1.3	112
3	<i>Toxoplasma</i> Modulates Signature Pathways of Human Epilepsy, Neurodegeneration & Cancer. <i>Scientific Reports</i> , 2017, 7, 11496.	3.3	97
4	The plasma membrane permease PfNT1 is essential for purine salvage in the human malaria parasite <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9286-9291.	7.1	93
5	Regulation of psbA and psaE Expression by Light Quality in <i>Synechocystis</i> Species PCC 6803. A Redox Control Mechanism. <i>Plant Physiology</i> , 2001, 125, 1988-2000.	4.8	81
6	Disruption of the <i>Plasmodium falciparum</i> PfPMT Gene Results in a Complete Loss of Phosphatidylcholine Biosynthesis via the Serine-Decarboxylase-Phosphoethanolamine-Methyltransferase Pathway and Severe Growth and Survival Defects. <i>Journal of Biological Chemistry</i> , 2008, 283, 27636-27643.	3.4	75
7	Effectiveness of a novel immunogenic nanoparticle platform for <i>Toxoplasma</i> peptide vaccine in HLA transgenic mice. <i>Vaccine</i> , 2014, 32, 3243-3248.	3.8	75
8	Global initiative for congenital toxoplasmosis: an observational and international comparative clinical analysis. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.	6.5	65
9	Antimalarial activity of the anticancer and proteasome inhibitor bortezomib and its analog ZL3B. <i>BMC Clinical Pharmacology</i> , 2007, 7, 13.	2.5	61
10	Post-Translational Modifications to <i>Toxoplasma gondii</i> Î±- and Î²-Tubulins Include Novel C-Terminal Methylation. <i>Journal of Proteome Research</i> , 2010, 9, 359-372.	3.7	55
11	The Microbiome Activates CD4 T-cell-mediated Immunity to Compensate for Increased Intestinal Permeability. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 285-297.	4.5	51
12	Protein nanovaccine confers robust immunity against <i>Toxoplasma</i> . <i>Npj Vaccines</i> , 2017, 2, 24.	6.0	47
13	Molecular target validation, antimicrobial delivery, and potential treatment of <i>Toxoplasma gondii</i> infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14182-14187.	7.1	45
14	Genetic evidence for the essential role of PfNT1 in the transport and utilization of xanthine, guanine, guanosine and adenine by <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2008, 161, 130-139.	1.1	43
15	Understanding <i>Toxoplasmosis</i> in the United States Through Large Data Analyses. <i>Clinical Infectious Diseases</i> , 2016, 63, 468-475.	5.8	42
16	<i>Toxoplasma gondii</i> HLA-B*0702-restricted GRA720-28 peptide with adjuvants and a universal helper T cell epitope elicits CD8+ T cells producing interferon-Î³ and reduces parasite burden in HLA-B*0702 mice. <i>Human Immunology</i> , 2012, 73, 1-10.	2.4	40
17	New paradigms for understanding and step changes in treating active and chronic, persistent apicomplexan infections. <i>Scientific Reports</i> , 2016, 6, 29179.	3.3	40
18	Adjuvanted multi-epitope vaccines protect HLA-A*11:01 transgenic mice against <i>Toxoplasma gondii</i> . <i>JCI Insight</i> , 2016, 1, e85955.	5.0	37

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19	Localization of the Phosphoethanolamine Methyltransferase of the Human Malaria Parasite <i>Plasmodium falciparum</i> to the Golgi Apparatus. <i>Journal of Biological Chemistry</i> , 2006, 281, 21305-21311.	3.4	34
20	Point-of-care testing for <i>Toxoplasma gondii</i> IgG/IgM using <i>Toxoplasma</i> ICT IgG-IgM test with sera from the United States and implications for developing countries. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005670.	3.0	34
21	Novel <i>N</i> -Benzoyl-2-Hydroxybenzamide Disrupts Unique Parasite Secretory Pathway. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2666-2682.	3.2	32
22	<i>T. gondii</i> RP Promoters & Knockdown Reveal Molecular Pathways Associated with Proliferation and Cell-Cycle Arrest. <i>PLoS ONE</i> , 2010, 5, e14057.	2.5	28
23	PfNT2, a Permease of the Equilibrative Nucleoside Transporter Family in the Endoplasmic Reticulum of <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 20827-20833.	3.4	24
24	Rapid, inexpensive, fingerstick, whole-blood, sensitive, specific, point-of-care test for anti- <i>Toxoplasma</i> antibodies. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006536.	3.0	23
25	Amino acids mediate colony and cell differentiation in the fungal pathogen <i>Candida parapsilosis</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 2885-2894.	1.8	22
26	Biochemical and Genetic Analysis of the Phosphoethanolamine Methyltransferase of the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 7894-7900.	3.4	21
27	Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 203.	3.9	21
28	A review on current diagnostic techniques for COVID-19. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 141-160.	3.1	21
29	Modification of Triclosan Scaffold in Search of Improved Inhibitors for Enoyl-ACP Carrier Protein (ACP) Reductase in <i>Toxoplasma gondii</i> . <i>ChemMedChem</i> , 2013, 8, 1138-1160.	3.2	20
30	<i>Toxoplasma gondii</i> Arginine Methyltransferase 1 (PRMT1) Is Necessary for Centrosome Dynamics during Tachyzoite Cell Division. <i>MBio</i> , 2016, 7, e02094-15.	4.1	19
31	Engineering and characterization of a novel Self Assembling Protein for <i>Toxoplasma</i> peptide vaccine in HLA-A*11:01, HLA-A*02:01 and HLA-B*07:02 transgenic mice. <i>Scientific Reports</i> , 2020, 10, 16984.	3.3	17
32	CSGID Solves Structures and Identifies Phenotypes for Five Enzymes in <i>Toxoplasma gondii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 352.	3.9	14
33	Novel Synthetic Polyamines Have Potent Antimalarial Activities in vitro and in vivo by Decreasing Intracellular Spermidine and Spermine Concentrations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 9.	3.9	14
34	High performance of a novel point-of-care blood test for <i>Toxoplasma</i> infection in women from diverse regions of Morocco. <i>Emerging Microbes and Infections</i> , 2021, 10, 1675-1682.	6.5	7
35	Editorial: Innovative Therapeutic and Immunomodulatory Strategies for Protozoan Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 293.	3.9	1