

Michael L Reese

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,926
citations

430874

18
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

2271
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphic family of injected pseudokinases is paramount in <i>Toxoplasma</i> virulence. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9625-9630.	7.1	251
2	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. Biochemical Journal, 2014, 457, 323-334.	3.7	241
3	Toxoplasma Rhoptyry Protein 16 (ROP16) Subverts Host Function by Direct Tyrosine Phosphorylation of STAT6. Journal of Biological Chemistry, 2010, 285, 28731-28740.	3.4	208
4	The assembly of lipid droplets and their roles in challenged cells. EMBO Journal, 2018, 37, .	7.8	200
5	A <i>Toxoplasma gondii</i> Pseudokinase Inhibits Host IRG Resistance Proteins. PLoS Biology, 2012, 10, e1001358.	5.6	160
6	A single-cell RNA-seq atlas of <i>Schistosoma mansoni</i> identifies a key regulator of blood feeding. Science, 2020, 369, 1644-1649.	12.6	108
7	A Helical Membrane-Binding Domain Targets the <i>Toxoplasma</i> ROP2 Family to the Parasitophorous Vacuole. Traffic, 2009, 10, 1458-1470.	2.7	83
8	A Conserved Non-canonical Motif in the Pseudoactive Site of the ROP5 Pseudokinase Domain Mediates Its Effect on <i>Toxoplasma</i> Virulence. Journal of Biological Chemistry, 2011, 286, 29366-29375.	3.4	79
9	The <i>Toxoplasma</i> Pseudokinase ROP5 Is an Allosteric Inhibitor of the Immunity-related GTPases. Journal of Biological Chemistry, 2014, 289, 27849-27858.	3.4	71
10	Chemical genetic screen identifies <i>Toxoplasma</i> DJ-1 as a regulator of parasite secretion, attachment, and invasion. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10568-10573.	7.1	56
11	The coccidian parasites <i>Toxoplasma</i> and <i>Neospora</i> dysregulate mammalian lipid droplet biogenesis. Journal of Biological Chemistry, 2017, 292, 11009-11020.	3.4	50
12	Divergent kinase regulates membrane ultrastructure of the <i>Toxoplasma</i> parasitophorous vacuole. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6361-6370.	7.1	46
13	Clathrin light and heavy chain interface: \pm -helix binding superhelix loops via critical tryptophans. EMBO Journal, 2002, 21, 6072-6082.	7.8	45
14	The guanylate kinase domain of the MAGUK PSD-95 binds dynamically to a conserved motif in MAP1a. Nature Structural and Molecular Biology, 2007, 14, 155-163.	8.2	43
15	Ancient MAPK ERK7 is regulated by an unusual inhibitory scaffold required for <i>Toxoplasma</i> apical complex biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12164-12173.	7.1	38
16	Loss of a conserved MAPK causes catastrophic failure in assembly of a specialized cilium-like structure in <i>Toxoplasma gondii</i> . Molecular Biology of the Cell, 2020, 31, 881-888.	2.1	35
17	Impact of Regulated Secretion on Antiparasitic CD8 ⁺ Cell Responses. Cell Reports, 2014, 7, 1716-1728.	6.4	33
18	Fast Mapping of Protein-Protein Interfaces by NMR Spectroscopy. Journal of the American Chemical Society, 2003, 125, 14250-14251.	13.7	26

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19	Virulence without catalysis: how can a pseudokinase affect host cell signaling?. Trends in Parasitology, 2012, 28, 53-57.	3.3	20
20	Third-generation sequencing revises the molecular karyotype for <i>Toxoplasma gondii</i> and identifies emerging copy number variants in sexual recombinants. Genome Research, 2021, 31, 834-851.	5.5	19
21	SchistoCyte Atlas: A Single-Cell Transcriptome Resource for Adult Schistosomes. Trends in Parasitology, 2021, 37, 585-587.	3.3	19
22	Expression of the Essential Kinase PfCDPK1 from Plasmodium falciparum in Toxoplasma gondii Facilitates the Discovery of Novel Antimalarial Drugs. Antimicrobial Agents and Chemotherapy, 2014, 58, 2598-2607.	3.2	18
23	Loss of the Conserved Alveolate Kinase MAPK2 Decouples Toxoplasma Cell Growth from Cell Division. MBio, 2020, 11, .	4.1	16
24	Naïve CD8 T cell IFN γ responses to a vacuolar antigen are regulated by an inflammasome-independent NLRP3 pathway and Toxoplasma gondii ROP5. PLoS Pathogens, 2020, 16, e1008327.	4.7	16
25	Toxoplasma DJ-1 Regulates Organelle Secretion by a Direct Interaction with Calcium-Dependent Protein Kinase 1. MBio, 2017, 8, .	4.1	15
26	Thinking outside of the cell: Secreted protein kinases in bacteria, parasites, and mammals. IUBMB Life, 2019, 71, 749-759.	3.4	9
27	Multivalent Interactions Drive the <i>Toxoplasma</i> AC9:AC10:ERK7 Complex To Concentrate ERK7 in the Apical Cap. MBio, 2022, 13, e0286421.	4.1	8
28	The intracellular parasite Toxoplasma injects polymorphic proteins into the host cell that subvert host defenses including recruitment of host mitochondria and membrane attack by p47 GTPases. FASEB Journal, 2012, 26, 95.3.	0.5	0
29	Immune to defeat. ELife, 2013, 2, e01599.	6.0	0