Michael L Reese

List of Publications by Year
in descending order

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	Multivalent Interactions Drive the Toxoplasma AC9:AC10:ERK7 Complex To Concentrate ERK7 in the Apical Cap. MBio, 2022, 13, e0286421.	4.1	8
2	Third-generation sequencing revises the molecular karyotype for Toxoplasma gondii and identifies emerging copy number variants in sexual recombinants. Genome Research, 2021, 31, 834-851.	5.5	19
3	SchistoCyte Atlas: A Single-Cell Transcriptome Resource for Adult Schistosomes. Trends in Parasitology, 2021, 37, 585-587.	3.3	19
4	Loss of the Conserved Alveolate Kinase MAPK2 Decouples Toxoplasma Cell Growth from Cell Division. MBio, 2020, 11, .	4.1	16
5	A single-cell RNA-seq atlas of Schistosoma mansoni identifies a key regulator of blood feeding. Science, 2020, 369, 1644-1649.	12.6	108
6	NaÃ¯ve CD8 T cell IFNÎ³ 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
7	Ancient MAPK ERK7 is regulated by an unusual inhibitory scaffold required forToxoplasmaapical complex biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12164-12173.	7.1	38
8	Loss of a conserved MAPK causes catastrophic failure in assembly of a specialized cilium-like structure inToxoplasma gondii. Molecular Biology of the Cell, 2020, 31, 881-888.	2.1	35
9	Divergent kinase regulates membrane ultrastructure of the Toxoplasma parasitophorous vacuole. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6361-6370.	7.1	46
10	Thinking outside of the cell: Secreted protein kinases in bacteria, parasites, and mammals. IUBMB Life, 2019, 71, 749-759.	3.4	9
11	The assembly of lipid droplets and their roles in challenged cells. EMBO Journal, 2018, 37, .	7.8	200
12	Toxoplasma DJ-1 Regulates Organelle Secretion by a Direct Interaction with Calcium-Dependent Protein Kinase 1. MBio, 2017, 8, .	4.1	15
13	The coccidian parasites Toxoplasma and Neospora dysregulate mammalian lipid droplet biogenesis. Journal of Biological Chemistry, 2017, 292, 11009-11020.	3.4	50
14	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. Biochemical Journal, 2014, 457, 323-334.	3.7	241
15	The Toxoplasma Pseudokinase ROP5 Is an Allosteric Inhibitor of the Immunity-related GTPases. Journal of Biological Chemistry, 2014, 289, 27849-27858.	3.4	71
16	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
17	Impact of Regulated Secretion on Antiparasitic CD8ÂT Cell Responses. Cell Reports, 2014, 7, 1716-1728.	6.4	33
18	Immune to defeat. ELife, 2013, 2, e01599.	6.0	0

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19	A Toxoplasma gondii Pseudokinase Inhibits Host IRG Resistance Proteins. PLoS Biology, 2012, 10, e1001358.	5.6	160
20	Virulence without catalysis: how can a pseudokinase affect host cell signaling?. Trends in Parasitology, 2012, 28, 53-57.	3.3	20
21	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
22	Polymorphic family of injected pseudokinases is paramount in Toxoplasma virulence. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9625-9630.	7.1	251
23	A Conserved Non-canonical Motif in the Pseudoactive Site of the ROP5 Pseudokinase Domain Mediates Its Effect on Toxoplasma Virulence. Journal of Biological Chemistry, 2011, 286, 29366-29375.	3.4	79
24	Chemical genetic screen identifies Toxoplasma 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
25	Toxoplasma Rhoptry Protein 16 (ROP16) Subverts Host Function by Direct Tyrosine Phosphorylation of STAT6. Journal of Biological Chemistry, 2010, 285, 28731-28740.	3.4	208
26	A Helical Membraneâ€Binding Domain Targets the Toxoplasma ROP2 Family to the Parasitophorous Vacuole. Traffic, 2009, 10, 1458-1470.	2.7	83
27	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
28	Fast Mapping of Proteinâ^'Protein Interfaces by NMR Spectroscopy. Journal of the American Chemical Society, 2003, 125, 14250-14251.	13.7	26
29	Clathrin light and heavy chain interface: Î±-helix binding superhelix loops via critical tryptophans. EMBO Journal, 2002, 21, 6072-6082.	7.8	45