Naomi S Morrissette

List of Publications by Year
in descending order

36 papers	3,143 citations	279778 23 h-index	395678 33 g-index
38 all docs	38 docs citations	38 times ranked	2697 citing authors

#	Article	IF	Citations
1	Chapter 3: Molecular Tools for Genetic Dissection of the Protozoan Parasite Toxoplasma gondii. Methods in Cell Biology, 1995, 45, 27-63.	1.1	528
2	MEC-17 is an Î±-tubulin acetyltransferase. Nature, 2010, 467, 218-222.	27.8	400
3	Cytoskeleton of Apicomplexan Parasites. Microbiology and Molecular Biology Reviews, 2002, 66, 21-38.	6.6	389
4	A Novel Family of Toxoplasma IMC Proteins Displays a Hierarchical Organization and Functions in Coordinating Parasite Division. PLoS Pathogens, 2010, 6, e1001094.	4.7	189
5	Disruption of microtubules uncouples budding and nuclear division inToxoplasma gondii. Journal of Cell Science, 2002, 115, 1017-1025.	2.0	142
6	Inhibition ofToxoplasma gondiiReplication by Dinitroaniline Herbicides. Experimental Parasitology, 1996, 84, 355-370.	1.2	139
7	Stereospecific Nickelâ€Catalyzed Crossâ€Coupling Reactions of Alkyl Grignard Reagents and Identification of Selective Antiâ€Breastâ€Cancer Agents. Angewandte Chemie - International Edition, 2014, 53, 2422-2427.	13.8	138
8	Îµ-Tubulin Is an Essential Component of the Centriole. Molecular Biology of the Cell, 2002, 13, 3859-3869.	2.1	136
9	Dinitroanilines Bind Î±-Tubulin to Disrupt Microtubules. Molecular Biology of the Cell, 2004, 15, 1960-1968.	2.1	134
10	Disruption of microtubules uncouples budding and nuclear division in Toxoplasma gondii. Journal of Cell Science, 2002, 115, 1017-25.	2.0	121
11	Cell Division in Apicomplexan Parasites Is Organized by a Homolog of the Striated Rootlet Fiber of Algal Flagella. PLoS Biology, 2012, 10, e1001444.	5.6	112
12	A SAS-6-Like Protein Suggests that the Toxoplasma Conoid Complex Evolved from Flagellar Components. Eukaryotic Cell, 2013, 12, 1009-1019.	3.4	70
13	Basal body structure and composition in the apicomplexans Toxoplasma and Plasmodium. Cilia, 2015, 5, 3.	1.8	60
14	Host Cell Invasion by Toxoplasma gondii Is Temporally Regulated by the Host Microtubule Cytoskeleton. Eukaryotic Cell, 2010, 9, 1680-1689.	3.4	54
15	RNG1 is a late marker of the apical polar ring in Toxoplasma gondii. Cytoskeleton, 2010, 67, 586-598.	2.0	53
16	Targeting Toxoplasma Tubules: Tubulin, Microtubules, and Associated Proteins in a Human Pathogen. Eukaryotic Cell, 2015, 14, 2-12.	3.4	53
17	SPM1 Stabilizes Subpellicular Microtubules in Toxoplasma gondii. Eukaryotic Cell, 2012, 11, 206-216.	3.4	46
18	CompartmentalizedToxoplasmaEB1 bundles spindle microtubules to secure accurate chromosome segregation. Molecular Biology of the Cell, 2015, 26, 4562-4576.	2.1	46

#	Article	IF	Citations
19	Mutations in Î±-Tubulin Confer Dinitroaniline Resistance at a Cost to Microtubule Function. Molecular Biology of the Cell, 2007, 18, 4711-4720.	2.1	43
20	Î±-Tubulin Mutations Alter Oryzalin Affinity and Microtubule Assembly Properties To Confer Dinitroaniline Resistance. Eukaryotic Cell, 2010, 9, 1825-1834.	3.4	43
21	An ensemble of specifically targeted proteins stabilizes cortical microtubules in the human parasiteToxoplasma gondii. Molecular Biology of the Cell, 2016, 27, 549-571.	2.1	43
22	Secondary Mutations Correct Fitness Defects inToxoplasma gondiiWith Dinitroaniline Resistance Mutations. Genetics, 2008, 180, 845-856.	2.9	33
23	Dinitroaniline Activity inToxoplasma gondiiExpressing Wild-Type or Mutant Î±-Tubulin. Antimicrobial Agents and Chemotherapy, 2010, 54, 1453-1460.	3.2	22
24	The tubulin mutation database: A resource for the cytoskeleton community. Cytoskeleton, 2019, 76, 186-191.	2.0	21
25	Inhibiting parasite proliferation using a rationally designed antiâ€tubulin agent. EMBO Molecular Medicine, 2021, 13, e13818.	6.9	14
26	A century of Toxoplasma research. International Journal for Parasitology, 2009, 39, 859-860.	3.1	12
27	A Toxoplasma gondii patatin-like phospholipase contributes to host cell invasion. PLoS Pathogens, 2020, 16, e1008650.	4.7	12
28	Synthesis and evaluation of oryzalin analogs against Toxoplasma gondii. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5179-5183.	2.2	10
29	The Toxoplasma cytoskeleton: structures, proteins, and processes. , 2020, , 743-788.		9
30	Auranofin Resistance in Toxoplasma gondii Decreases the Accumulation of Reactive Oxygen Species but Does Not Target Parasite Thioredoxin Reductase. Frontiers in Cellular and Infection Microbiology, 2021, 11, 618994.	3.9	9
31	Extracellular Toxoplasma gondii tachyzoites metabolize and incorporate unnatural sugars into cellular proteins. Microbes and Infection, 2016, 18, 199-210.	1.9	6
32	The early years of Toxoplasma research: Whatâ€™s past is prologue. International Journal for Parasitology, 2009, 39, 865-869.	3.1	5
33	The Toxoplasma Cytoskeleton. , 2014, , 455-503.		5
34	Systematic Analysis of Clemastine, a Candidate Apicomplexan Parasite-Selective Tubulin-Targeting Agent. International Journal of Molecular Sciences, 2022, 23, 68.	4.1	2
35	From B to A: making an essential cofactor in a human parasite. Biochemical Journal, 2017, 474, 3089-3092.	3.7	0
36	Nonâ€apoptotic caspaseâ€8 activation balances T lymphocyte autophagy. FASEB Journal, 2008, 22, 662.9.	0.5	0