David J Bzik

List of Publications by Year
in descending order

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61 papers	3,831 citations	109137 35 h-index	133063 59 g-index
61 all docs	61 docs citations	61 times ranked	2733 citing authors

#	Article	IF	Citations
1	A Family of Toxoplasma gondii Genes Related to GRA12 Regulate Cyst Burdens and Cyst Reactivation. MSphere, 2021, 6, .	1.3	8
2	Cutting Edge: CD36 Mediates Phagocyte Tropism and Avirulence of Toxoplasma gondii. Journal of Immunology, 2021, 207, 1507-1512.	0.4	11
3	Succinylated Wheat Germ Agglutinin Colocalizes with the Toxoplasma gondii Cyst Wall Glycoprotein CST1. MSphere, 2020, 5, .	1.3	6
4	Toxoplasma gondii Parasitophorous Vacuole Membrane-Associated Dense Granule Proteins Regulate Maturation of the Cyst Wall. MSphere, 2020, 5, .	1.3	17
5	Biochemistry and metabolism of Toxoplasma gondii: purine and pyrimidine acquisition in Toxoplasma gondii and other Apicomplexa. , 2020, , 397-449.		7
6	Toxoplasma gondii Parasitophorous Vacuole Membrane-Associated Dense Granule Proteins Orchestrate Chronic Infection and GRA12 Underpins Resistance to Host Gamma Interferon. MBio, 2019, 10, .	1.8	81
7	Rhoptry and Dense Granule Secreted Effectors Regulate CD8+ T Cell Recognition of Toxoplasma gondii Infected Host Cells. Frontiers in Immunology, 2019, 10, 2104.	2.2	24
8	The dense granule protein 8 (GRA8) is a component of the sub-pellicular cytoskeleton in Toxoplasma gondii. Parasitology Research, 2019, 118, 1899-1918.	0.6	11
9	Toxoplasma gondii Intravacuolar-Network-Associated Dense Granule Proteins Regulate Maturation of the Cyst Matrix and Cyst Wall. MSphere, 2019, 4, .	1.3	25
10	Glycolysis is important for optimal asexual growth and formation of mature tissue cysts by Toxoplasma gondii. International Journal for Parasitology, 2018, 48, 955-968.	1.3	45
11	Lactate dehydrogenase in Toxoplasma gondii controls virulence, bradyzoite differentiation, and chronic infection. PLoS ONE, 2017, 12, e0173745.	1.1	59
12	Cancer therapy in a microbial bottle: Uncorking the novel biology of the protozoan Toxoplasma gondii. PLoS Pathogens, 2017, 13, e1006523.	2.1	21
13	Serial Dissection of Parasite Gene Families. Infection and Immunity, 2016, 84, 1252-1254.	1.0	1
14	The Toxoplasma gondii Rhoptry Kinome Is Essential for Chronic Infection. MBio, 2016, 7, .	1.8	80
15	AttenuatedToxoplasma gondiitherapy of disseminated pancreatic cancer generates long-lasting immunity to pancreatic cancer. OncoImmunology, 2016, 5, e1104447.	2.1	43
16	Pyrimidine Pathway-Dependent and -Independent Functions of the Toxoplasma gondii Mitochondrial Dihydroorotate Dehydrogenase. Infection and Immunity, 2016, 84, 2974-2981.	1.0	25
17	Endothelial cells are a replicative niche for entry of Toxoplasma gondii to the central nervous system. Nature Microbiology, 2016, 1, 16001.	5.9	160
18	Secretion of Rhoptry and Dense Granule Effector Proteins by Nonreplicating Toxoplasma gondii Uracil Auxotrophs Controls the Development of Antitumor Immunity. PLoS Genetics, 2016, 12, e1006189.	1.5	47

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19	Phenotypes Associated with Knockouts of Eight Dense Granule Gene Loci (GRA2-9) in Virulent Toxoplasma gondii. PLoS ONE, 2016, 11, e0159306.	1.1	44
20	Intravacuolar Membranes Regulate CD8 T Cell Recognition of Membrane-Bound Toxoplasma gondii Protective Antigen. Cell Reports, 2015, 13, 2273-2286.	2.9	67
21	AttenuatedToxoplasma gondiiStimulates Immunity to Pancreatic Cancer by Manipulation of Myeloid Cell Populations. Cancer Immunology Research, 2015, 3, 891-901.	1.6	39
22	Nonreplicating, Cyst-Defective Type II Toxoplasma gondii Vaccine Strains Stimulate Protective Immunity against Acute and Chronic Infection. Infection and Immunity, 2015, 83, 2148-2155.	1.0	46
23	Comparative Aspects of Nucleotide and Amino Acid Metabolism in Toxoplasma gondii and Other Apicomplexa. , 2014, , 663-706.		4
24	Avirulent strains of Toxoplasma gondii infect macrophages by active invasion from the phagosome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6437-6442.	3.3	46
25	Co-existence of classical and alternative activation programs in macrophages responding to Toxoplasma gondii. International Journal for Parasitology, 2014, 44, 161-164.	1.3	26
26	Targeting tumors with nonreplicating Toxoplasma gondii uracil auxotroph vaccines. Trends in Parasitology, 2013, 29, 431-437.	1.5	42
27	Avirulent Toxoplasma gondii Generates Therapeutic Antitumor Immunity by Reversing Immunosuppression in the Ovarian Cancer Microenvironment. Cancer Research, 2013, 73, 3842-3851.	0.4	86
28	Immune-Mediated Regression of Established B16F10 Melanoma by Intratumoral Injection of Attenuated Toxoplasma gondii Protects against Rechallenge. Journal of Immunology, 2013, 190, 469-478.	0.4	98
29	Non-replicatingToxoplasma gondiireverses tumor-associated immunosuppression. OncoImmunology, 2013, 2, e26296.	2.1	20
30	The Toxoplasma gondii Cyst Wall Protein CST1 Is Critical for Cyst Wall Integrity and Promotes Bradyzoite Persistence. PLoS Pathogens, 2013, 9, e1003823.	2.1	134
31	Genetic Manipulation in Δku80 Strains for Functional Genomic Analysis of Toxoplasma gondii. Journal of Visualized Experiments, 2013, , e50598.	0.2	20
32	An Inside Job: Hacking into Janus Kinase/Signal Transducer and Activator of Transcription Signaling Cascades by the Intracellular Protozoan Toxoplasma gondii. Infection and Immunity, 2012, 80, 476-482.	1.0	66
33	Biochemical and molecular characterization of the pyrimidine biosynthetic enzyme dihydroorotate dehydrogenase from Toxoplasma gondii. Molecular and Biochemical Parasitology, 2012, 184, 71-81.	0.5	45
34	Type II Toxoplasma gondiiKU80Knockout Strains Enable Functional Analysis of Genes Required for Cyst Development and Latent Infection. Eukaryotic Cell, 2011, 10, 1193-1206.	3.4	188
35	Toxoplasma gondii Rhoptry Kinase ROP16 Activates STAT3 and STAT6 Resulting in Cytokine Inhibition and Arginase-1-Dependent Growth Control. PLoS Pathogens, 2011, 7, e1002236.	2.1	226
36	Avirulent Uracil Auxotrophs Based on Disruption of Orotidine-5â€²-Monophosphate Decarboxylase Elicit Protective Immunity to Toxoplasma gondii. Infection and Immunity, 2010, 78, 3744-3752.	1.0	77

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37	Phosphorylation of Immunity-Related GTPases by a Toxoplasma gondii-Secreted Kinase Promotes Macrophage Survival and Virulence. Cell Host and Microbe, 2010, 8, 484-495.	5.1	286
38	Kinetics and Phenotype of Vaccine-Induced CD8⁺T-Cell Responses toToxoplasma gondii. Infection and Immunity, 2009, 77, 3894-3901.	1.0	60
39	Efficient Gene Replacements in Toxoplasma gondii Strains Deficient for Nonhomologous End Joining. Eukaryotic Cell, 2009, 8, 520-529.	3.4	264
40	Cell-Mediated Immunity toToxoplasma gondiiDevelops Primarily by Local Th1 Host Immune Responses in the Absence of Parasite Replication. Journal of Immunology, 2009, 182, 1069-1078.	0.4	89
41	Genetic identification of essential indels and domains in carbamoyl phosphate synthetase II of Toxoplasma gondii. International Journal for Parasitology, 2009, 39, 533-539.	1.3	13
42	Long-Term Immunity to Lethal Acute or Chronic Type IIToxoplasma gondiiInfection Is Effectively Induced in Genetically Susceptible C57BL/6 Mice by Immunization with an Attenuated Type I Vaccine Strain. Infection and Immunity, 2009, 77, 5380-5388.	1.0	45
43	TLR Adaptor MyD88 Is Essential for Pathogen Control during OralToxoplasma gondiiInfection but Not Adaptive Immunity Induced by a Vaccine Strain of the Parasite. Journal of Immunology, 2008, 181, 3464-3473.	0.4	97
44	Lack of IL-15 results in the suboptimal priming of CD4+ T cell response against an intracellular parasite. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6635-6640.	3.3	37
45	Tyk2 Negatively Regulates Adaptive Th1 Immunity by Mediating IL-10 Signaling and Promoting IFN-Î³-Dependent IL-10 Reactivation. Journal of Immunology, 2006, 176, 7263-7271.	0.4	104
46	Toxoplasma gondii lacks the enzymes required for de novo arginine biosynthesis and arginine starvation triggers cyst formation. International Journal for Parasitology, 2004, 34, 323-331.	1.3	172
47	Toxoplasma gondii: generation of novel truncation mutations in the linker domain of dihydrofolate reductaseâ€“thymidylate synthase. Experimental Parasitology, 2004, 106, 179-182.	0.5	13
48	Organisation and sequence determination of glutamine-dependent carbamoyl phosphate synthetase II in Toxoplasma gondii. International Journal for Parasitology, 2003, 33, 89-96.	1.3	19
49	Differential localization of processed fragments of Plasmodium falciparum serine repeat antigen and further processing of its N-terminal 47 kDa fragment. Parasitology International, 2002, 51, 343-352.	0.6	52
50	Plasmodium falciparum: fine-mapping of an epitope of the serine repeat antigen that is a target of parasite-inhibitory antibodies. Experimental Parasitology, 2002, 101, 69-72.	0.5	16
51	De novo pyrimidine biosynthesis is required for virulence of Toxoplasma gondii. Nature, 2002, 415, 926-929.	13.7	231
52	Toxoplasma gondii: Genetic Selection of Tethered Dihydrofolate Reductase-Thymidylate Synthase Fusion Proteins. Experimental Parasitology, 2001, 98, 167-170.	0.5	3
53	Negative selection of herpes simplex virus thymidine kinase in Toxoplasma gondii. Molecular and Biochemical Parasitology, 2001, 116, 85-88.	0.5	18
54	Sequence diversity in the amino-terminal 47 kDa fragment of the Plasmodium falciparum serine repeat antigen1Note: Nucleotide sequence data reported in this paper are available in the DDBJ, EMBL and Genbankâ„¢ under the accession numbers: D89042-D89048.1. Molecular and Biochemical Parasitology, 1997, 86, 249-254.	0.5	25

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55	Plasmodium falciparum:An Epitope within a Highly Conserved Region of the 47-kDa Amino-Terminal Domain of the Serine Repeat Antigen Is a Target of Parasite-Inhibitory Antibodies. Experimental Parasitology, 1997, 85, 121-134.	0.5	39
56	Analysis of stage-specific transcripts of the Plasmodium falciparum serine repeat antigen (SERA) gene and transcription from the SERA locus. Molecular and Biochemical Parasitology, 1994, 68, 133-144.	0.5	40
57	Immunogenicity of recombinant Plasmodium falciparum SERA proteins in rodents. Molecular and Biochemical Parasitology, 1991, 45, 159-170.	0.5	29
58	Amino acid sequence of the serine-repeat antigen (SERA) of Plasmodium falciparum determined from cloned cDNA. Molecular and Biochemical Parasitology, 1988, 30, 279-288.	0.5	116
59	Characterization of antigen-expressing Plasmodium falciparum cDNA clones that are reactive with parasite inhibitory antibodies. Molecular and Biochemical Parasitology, 1988, 30, 9-18.	0.5	46
60	Plasmodium falciparum: Three amino acid changes in the dihydrofolate reductase of a pyrimethamine-resistant mutant. Experimental Parasitology, 1988, 67, 361-363.	0.5	15
61	Pyrimethamine resistant Plasmodium falciparum: overproduction of dihydrofolate reductase by a gene duplication. Molecular and Biochemical Parasitology, 1987, 26, 121-134.	0.5	57